AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A radiation detecting cassette comprising:

a solid state radiation detector for detecting radiation bearing image information and outputting an image signal representing a radiation image;

a control means for controlling the operations of the solid state radiation detector;

a cassette main body having a case for housing the solid state radiation detector and the control means; and

a handheld portable operating portion for outputting command signals to the control means for operating the solid state radiation detector, formed as a separate unit from the cassette main body,

~~wherein the handheld portable operating portion is used in a handheld manner~~ and

wherein the command signals for operating the solid state radiation detector include command signals for performing radiation image recording.

2. (original): A radiation detecting cassette as defined in claim 1, wherein:

the operating portion further comprises a display portion for displaying the contents of the command signals.

3. (original): A radiation detecting cassette as defined in claim 2, wherein:

the operating portion further comprises an information receiving means for receiving information output from the cassette main body; and

the display portion displays the information received by the information receiving means.

4. (original): A radiation detecting cassette as defined in claim 3, wherein:

the information receiving means receives information representing an operating state of the solid state radiation detector; and

the display portion displays the operating state of the solid state radiation detector.

5. (original): A radiation detecting cassette as defined in claim 3, wherein:

the information receiving means receives the image signal output from the solid state radiation detector; and

the display portion displays an image based on the image signal.

6. (original): A radiation detecting cassette as defined in claim 4, wherein:

the information receiving means receives the image signal output from the solid state radiation detector; and

the display portion displays an image based on the image signal.

7. (original): A radiation detecting cassette as defined in claim 1, wherein:

the operating portion is removably attachable to the case.

8. (original): A radiation detecting cassette as defined in claim 2, wherein:

the operating portion is removably attachable to the case.

9. (original): A radiation detecting cassette as defined in claim 3, wherein:

the operating portion is removably attachable to the case.

10. (original): A radiation detecting cassette as defined in claim 4, wherein:

the operating portion is removably attachable to the case.

11. (original): A radiation detecting cassette as defined in claim 5, wherein:

the operating portion is removably attachable to the case.

12. (original): A radiation detecting cassette as defined in claim 6, wherein:

the operating portion is removably attachable to the case.

13. (previously presented): A radiation detecting cassette as defined in claim 1, wherein said command signals comprise:

at least one piece of information relating to readying the solid state radiation detector to record a radiation image; and

information relating to readying the solid state radiation detector to read out a radiation image therefrom.

14. (previously presented): A radiation detecting cassette as defined in claim 1, wherein said command signals comprise:

at least one piece of information relating to administering image gradation processes on an image signal output from the solid state radiation detector main body;

information relating to administering image frequency emphasis processes on an image signal output from the solid state radiation detector main body;

information relating to administering image density standardizing processes on an image signal output from the solid state radiation detector main body;

information relating to administering image contrast standardizing processes on an image signal output from the solid state radiation detector main body;

information relating to administering image noise suppressing processes on an image signal output from the solid state radiation detector main body;

information relating to administering image grid pattern removing processes on an image signal output from the solid state radiation detector main body;

information relating to administering image blackening processes for areas outside of an irradiated field on an image signal output from the solid state radiation detector main body;

information relating to administering image energy subtraction processes on an image signal output from the solid state radiation detector main body; and

information relating to administering image time-lapse subtraction processes on an image signal output from the solid state radiation detector main body.

15. (currently amended): A radiation detecting cassette comprising:

a solid state radiation detector which detects radiation-bearing image information;

a controller which controls the solid state radiation detector;

a cassette main body having a case which houses the solid state radiation detector and the controller; and

a handheld portable operating portion which outputs command signals to the controller, wherein said command signals operate the solid state radiation detector,

wherein said handheld portable operating portion is disposed separately from the cassette main body, ~~and~~

~~wherein the handheld portable operating portion is used in a handheld manner~~ and

wherein the command signals for operating the solid state radiation detector include command signals for performing radiation image recording.

16. (previously presented): The radiation detecting cassette of claim 15, wherein the solid state radiation detector outputs an image signal representing a radiation image.

17. (canceled).

18. (currently amended): A radiation detecting cassette comprising:

a solid state radiation detector for detecting radiation bearing image information and outputting an image signal representing a radiation image;

a control means for controlling the operations of the solid state radiation detector;

a cassette main body having a case for housing the solid state radiation detector and the control means; and

a handheld portable operating portion for outputting command signals to the control means for operating the solid state radiation detector, formed as a separate unit from the cassette main body,

~~wherein the handheld portable operating portion is used in a handheld manner, and~~

wherein the handheld portable operating portion is precluded from outputting command signals during a period of time from reception of data indicating performance of one of a recording operation and a readout operation to data indicating that the one of the recording operation and the readout operation is complete, and

wherein the command signals for operating the solid state radiation detector include command signals for performing radiation image recording.

19. (previously presented): A radiation detecting cassette comprising:

a solid state radiation detector which detects radiation-bearing image information;

a controller which controls the solid state radiation detector;

a cassette main body having a case which houses the solid state radiation detector and the controller; and

a handheld portable operating portion which outputs command signals to the controller, wherein said command signals operate the solid state radiation detector,

wherein said handheld portable operating portion is disposed separately from the cassette main body,

~~wherein the handheld portable operating portion is used in a handheld manner, and~~

wherein the handheld portable operating portion is precluded from outputting command signals during a period of time from reception of data indicating performance of one of a

recording operation and a readout operation to data indicating that the one of the recording operation and the readout operation is complete, and

wherein the command signals for operating the solid state radiation detector include command signals for performing radiation image recording.

20. (currently amended): The cassette of claim 1, wherein the handheld portable operating portion ~~fits within an operator's hand~~displays an imaging menu which sets imaging conditions for the detecting of the radiation bearing image information by setting at least one of an imaging portion of an object from which the radiation bearing image information is detected and an imaging method used for the detecting of the radiation bearing image information.

21. (currently amended): The radiation detecting cassette of claim 15, wherein the handheld portable operating portion ~~fits within an operator's hand~~ displays an imaging menu which sets imaging conditions for the detecting of the radiation-bearing image information by setting at least one of an imaging portion of an object from which the radiation-bearing image information is detected and an imaging method used for the detecting of the radiation-bearing image information.

22. (currently amended): The radiation detecting cassette of claim 18, wherein the handheld portable operating portion ~~fits within an operator's hand~~ displays an imaging menu which sets imaging conditions for the detecting of the radiation-bearing image information by setting at least one of an imaging portion of an object from which the radiation-bearing image

information is detected and an imaging method used for the detecting of the radiation-bearing image information.

23. (currently amended): The radiation detecting cassette of claim 19, wherein the handheld portable operating portion ~~fits within an operator's hand~~ displays an imaging menu which sets imaging conditions for the detecting of the radiation-bearing image information by setting at least one of an imaging portion of an object from which the radiation-bearing image information is detected and an imaging method used for the detecting of the radiation-bearing image information.